

S2-PLC-CCO

Solis PLC Central Controller

S2-PLC-CCO (CCO: Central Controller) is applied in PV systems to achieve power line communication. Power Line Communication is transmission of data over the AC Wires of the system.

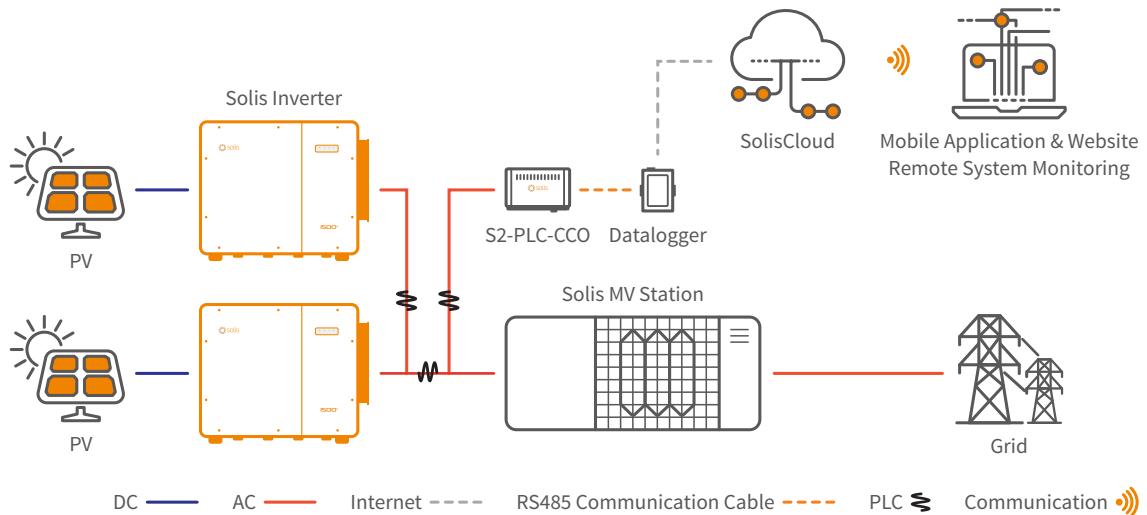
Features:

- Reduces cabling, enabling reduction of construction and maintenance costs
- Provides strong anti-interference ability
- Supports multi-terminal networking
- Stable network connection, real-time data transmission



S2-PLC-CCO

● Intelligent Monitoring Solution - S2-PLC-CCO



DATASHEET

S2-PLC-CCO

Models	S2-PLC-CCO
Communication	
Supported device type	Any Solis inverter
Number of connected inverters	≤ 30 if used alone. If using with Solis datalogger, 10 is the recommended limit to avoid slower data transmission
Status indicator	4 LED Indicator Lights
Frequency band	2 - 12 MHz
Communication interface	4-pin / RJ45 / RS485
Debugging interface	Bluetooth
Baud rate	9600 / 19200 / 57600 / 115200
Electrical	
Input voltage (Power adapter)	12 VDC
Max. input current (Power adapter)	2 A
AC port input line voltage	50 - 920 V, 50 Hz / 60 Hz
Operating power consumption	< 5 W
Environment	
Operating ambient temperature range	-40°F to 158°F (-40 to 70°C)
Operating humidity	5% - 95%, relative humidity no condensation
Storage temperature	-40°F to 194°F (-40 to 90°C)
Storage humidity	5% - 95%, relative humidity no condensation
Max. operation altitude	13,123 ft (4,000 m)
Protection degree	NEMA 1; IP20
Mechanical	
Dimensions (L × W × H)	10 × 6.5 × 1.8 in (255 × 165 × 45 mm)
Installation method	Hanging ear mounting, rail mounting
Weight	1.65 lbs (750 g)